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# TRANSMITTAL FORM

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Total Number Of Pages In This Submission

Application Number	10/026,980
Filing Date	December 17, 2001
First Named Inventor	David DOLPHIN
Group Art Unit	1743
Examiner Name	To be assigned

Total Number Of Pages In This Submission

9

Attorney Docket No.

273012010901

## ENCLOSURES (check all that apply)

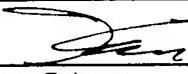
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Remarks

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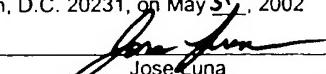
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Date	May 31, 2002

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PATENT  
Docket No. 273012010901

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Jose Luna

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

David DOLPHIN, et al.

Serial No.: 10/026,980

Filing Date: December 17, 2001

For: CHIRAL SEPARATION OF  
BENZOPORPHYRIN DERIVATIVE  
MONO- AND DI-ACIDS BY LASER-  
INDUCED FLUORESCENCE  
CAPILLARY ELECTROPHORESIS

Examiner: To be assigned

Group Art Unit: 1743

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Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents numbered 1, 6-41, and 43-52 were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 09/321,893, filed May 28, 1999, now United States Patent Number 6,331,235 and, accordingly, copies are not

included herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2).

The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - A fee is required. A check in the amount of \* is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \* is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 273012010901. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 3/1, 2002

Respectfully submitted,

By:



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Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>		Docket Number 273012010901	Application Number 10/026,980
		Applicant: David DOLPHIN et al.	
		Filing Date December 17, 2001	Group Art Unit 1743
(Use several sheets if necessary)		Mailing Date May 31, 2002	

**U.S. PATENT DOCUMENTS**

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	12/15/92	5,171,749	Levy et al.			
	2.	05/1997	5,626,757	Armstrong			

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**FOREIGN PATENT DOCUMENTS****TC 1700**

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	3.	05/1992	0485370 ✓	EP			
	4.	06/1993	546916 ✓	EP			
	5.	05/1993	4136462 ✓	Germany			

**OTHER DOCUMENTS**

(including author, title, Date, Pertinent Pages, Etc.)

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	6.	Armstrong et al. <i>Derivatized Cyclodextrins Immobilized on Fused-Silica Capillaries for Enantiomeric Separations Via Capillaries for Enantiomeric Separations Via Electrophoresis, Gas Chromatography, or Supercritical Chromatography</i> . ANAL. CHEM. (1993) 65(8):1114-17
	7.	Aveline, B. M. et al., <i>The Effects Of Aggregation, Protein Binding And Cellular Incorporation On The Photophysical Properties Of Benzoporphyrin Derivative Monoacid Ring A (BPDMA)</i> , J. PHOTOCHEM. PHOTOBIOLOG. BIOLOGY (1995) 30:161-69
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	10.	Bowser, M. T. et al., <i>Development And Application Of A Nonaqueous Capillary Electrophoresis System For The Analysis Of Porphyrins And Their Oligomers</i>

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			Applicant: David DOLPHIN et al.	
			Filing Date December 17, 2001	Group Art Unit 743
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OTHER DOCUMENTS				
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	12.	CAPLUS Abstract of Wu et al. Separation of Porphyrins Using A. Gamma. -Cyclodextrin Stationary Phase, J. LIQ. CHROMOGRA. (1994) 1795:1111-24		
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	15.	Consdene, R. et al., Ionophoresis Of Sugars On Paper And Some Applications To The Analysis Of Protein Polysaccharide Complexes, NATURE (1952) 169:783-85		
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	22.	Honda, S. et al., Analysis Of The Oligosaccharides In Ovalbumin By High-Performance Capillary Electrophoresis, ANALYTICAL BIOCHEMISTRY (1990) 191:228-34		
	23.	Jamieson, C. H. M. et al., Preferential Uptake Of Benzoporphyrin Derivative By Leukemic		
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Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>		Docket Number 273012010901	Application Number 10/026,980
		Applicant: David DOLPHIN et al.	
		Filing Date December 17, 2001	Group Art Unit 1743
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**OTHER DOCUMENTS**

(including Author, title, Date, Pertinent Pages, Etc.)

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	33.	Peng, X. et al., <i>Quantitative Description Of Analyte Migration Behavior Based On Dynamic Complexation In Capillary Electrophoresis With One Or More Additives</i> , ELECTROPHORESIS (1997) 18:706-16
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Docket Number 273012010901	Application Number 10/026,980
			Applicant: David DOLPHIN et al.	
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		<i>A New Potent Photosensitizer, In Normal And Tumor-Bearing Mice, J. PHOTOCHEM. PHOTOBIOLOGY B BIOLOGY (1990) 5:231-44</i>		
	37.	<i>Richter, A. M. et al., Photosensitizing Efficiency Of Two Regioisomers Of The Benzoporphyrin Derivative Monoacid Ring A (BPD-MA), BIOCHEMICAL PHARMACOLOGY (1992) 43(11):2349-58</i>		
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	39.	<i>Richter, A. M. et al., Characterization Of Benzoporphyrin Derivative, A New Photosensitizer, PROCEEDING SPIE, THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, BOSTON, MA (1988) 997:132-38</i>		
	40.	<i>Richter, A. M. et al., Photosensitising Potency Of Structural Analogues Of Benzoporphyrin Derivative (BPD) In A Mouse Tumour Model, BR. J. CANCER (1991) 63:87-93</i>		
	41.	<i>Sato, H. et al., Simultaneous Separation And Quantification Of Free And Metal-Chelated Protoporphyrins In Blood By Three-Dimensional HPLC, CLIN. CHEM. (1994) 40(7):1239-44</i>		
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	43.	<i>Sternberg, E. et al., Pyrrolic Photosensitizers, CURRENT MEDICINAL CHEMISTRY (1996) 3:239-72</i>		
	44.	<i>Udagawa, M. et al., Determination Of Coproporphyrin I And III Isomers By High-Performance Liquid Chromatography, J. CHROMATOGR. (1982) 233:338-42</i>		
	45.	<i>Walker, C. J. et al., The Magnesium-Protoporphyrin IX (Oxidative) Cyclase System, BIOCHEM. J. (1988) 255:685-92</i>		
	46.	<i>Wallingford, R. A. et al., Retention Of Ionic And Non-Ionic Catechols In Capillary Zone Electrophoresis With Micellar Solutions, J. CHROMATOGR. (1988) 441:299-309</i>		
	47.	<i>Wan, J. R. et al., High Performance Liquid Chromatography Separation And Analysis Of Metallotetra (Pentafluorophenyl) Porpholactone, J. LIQ. CHROMATOGR. (1994) 17(9):2045-56</i>		
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(including author, title, Date, Pertinent Pages, Etc.)

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	52.	Yao, Y. J. et al., <i>Determination Of Erythrocyte Porphyrins By Epi-Illumination Fluorescence Microscope With Capillary Electrophoresis</i> , J. LIQ. CHROM. & REL. TECHNOL. (1996) 19(1):1-15

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